

EXPRESS MAIL NO. EK555899057US

Sheet 1 of 2

JCS28 U.S. PTO
09/943709

08/31/01

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)Atty. Docket No.
01-4015Serial No.
UnassignedApplicant
Brig Barnum ElliottFiling Date
HerewithGroup
Unassigned

U.S. PATENT DOCUMENTS

*Examiner Initial		Document Number	Date	Name	Class	Sub Class	Filing Date If Appropriate
A.S.	AA	5,243,649	9/7/93	Franson	380	9	_____
A.S.	AB	5,307,410	4/26/94	Bennett	380	21	_____
A.S.	AC	5,414,771	5/9/95	Fawcett, Jr.	380	44	_____
A.S.	AD	5,675,648	10/7/97	Townsend	380	21	_____
A.S.	AE	5,732,139	3/24/98	Lo et al.	380	28	_____
A.S.	AF	5,757,912	5/26/98	Blow	380	21	_____
A.S.	AG	5,764,765	6/9/98	Phoenix et al.	380	21	_____
A.S.	AH	5,768,378	6/16/98	Townsend et al.	380	21	_____
A.S.	AI	5,850,441	12/15/98	Townsend et al.	380	21	_____
A.S.	AJ	5,953,421	9/14/99	Townsend	380	21	_____
A.S.	AK	5,960,131	9/28/99	Fouquet et al.	385	17	_____
A.S.	AL	5,960,133	9/28/99	Tomlinson	385	18	_____

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

A.S.	BA	DeBashis Basak, Daniel O. Awduche, John Drake and Yakov Redhter, Multi-protocol Lambda Switching: Issues in Combining MPLS Traffic Engineering Control with Optical Cross-connects, IETF Internet Draft Memo, http://www.ietf.org/shadow.html , February 2000, page 1-9.					
A.S.	BB	Daniel O. Awduche, Yakov Rekhter, John Drake and Rob Coltun, Multi-protocol Lambda Switching: Combining MPLS Traffic Engineering Control with Optical Crossconnects, IETF Internet Draft Memo, http://www.ietf.org/shadow.html , January 2001, pages 21.					
A.S.	BC	Charles H. Bennett and Gilles Brassard, Quantum Cryptography: Public Key Distribution and Coin Tossing, Intl. Conf. On Computers, Systems & Signal Processing, Bangalore, India, Dec. 10-12, 1984, 5 Pages.					
A.S.	BD	Donald S. Bethune and William P. Risk, Prototype Autocompensating Quantum Cryptography System Based on Polarization Splitting of Light, Session QC41, DCOMP/CCP99: Quantum Computing and Cryptography, 3/24/99 (4 pages).					
A.S.	BE	D.S. Bethune and W.P. Risk, An Autocompensating Fiber-Optic Quantum Cryptography System Based on Polarization Splitting of Light, IEEE Journal of Quantum Electronics, Vol. XX, No. Y, 1999.					
A.S.	BF	Graham P. Collins, Quantum Cryptography Defies Eavesdropping, Physics Today, Nov. 1992, page 21-23.					

Examiner

A. Sherkat

Date Considered

9/30/05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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U.S. PATENT DOCUMENTS

*Examiner Initial		Document Number	Date	Name	Class	Sub Class	Filing Date If Appropriate
A.S	AM	5,966,224	10/12/99	Hughes et al.	359	112	
A.S	AN	6,005,993	12/21/99	MacDonald	385	16	
A.S	AO	6,130,780	10/10/00	Jaonnopoulos et al.	359	584	
A.S	AP	6,154,586	11/28/00	MacDonald et al.	385	18	
A.S	AQ	5,339,182	8/16/94	Kimble et al.	359	112	
A.S	AR	5,911,018	6/8/99	Bischel et al.	385	16	

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Sub Class	Translation
							Yes No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

A.S	BG	L.Y. Lin, E.L. Goldstein and R.W. Tkach, Free-Space Micromachined Optical Switches for Optical Networking, IEEE Journal of Selected Topics in Quantum Electronics, Vol. 5, No. 1, January/February, 1999.					
A.S	BH	S. Eisenberg and R. Boger, Lucent Technologies names Cherry Murray Physical Sciences Research Vice President, http://www.lucnet.com/press/0300/000328.bla.html , March 28, 2000 (2 Pages).					
A.S	BI	Simon J.D. Phoenix, Stephen M. Barnett, Paul D. Townsend and K.J. Blow, Multi-user Quantum Cryptography on Optical Networks, Journal of Modern Optics Letter, Vol. 42, No. 6, 1995, pages 1155-1163.					
A.S	BJ	Laser End-Point Detection System, IBM Technical Disclosure Bulletin, Vol. 28, No. 7, December 1985, Pages 3151-3163.					
A.S	BK	E. Rosen, A. Viswanathan and R. Callon, Multiprotocol Label Switching Architecture, Internet Standards Track Protocol, Internet Official Protocol Standards (STD 1), January 2001, Pages 1-61.					
A.S	BL	P.D. Townsend, J.G. Rarity and P.R. Tapster, Enhanced Single Photon Fringe Visibility in a 10 km-Long Prototype Quantum Cryptography Channel, Electronics Letters, Vol. 29, No. 14, July 8, 1993, pages 1291-1293.					
A.S	BM	P.D. Townsend, Secure Key Distribution System Based on quantum Cryptography, Electronics Letters, Vol. 30, No. 10, May 12, 1994, pages 809-811.					
A.S	BN	P.D. Townsend, J.G. Rarity and P.R. Tapster, Single Photon Interference in 10km Long Optical Fiber Interferometer, Electronics Letters, Vol. 29, No. 7, April 1, 1993, page 634-635.					
A.S	BO	James A. Walker, Telecommunications Applications of MEMS, mstnews, March 2000, Page 6-9.					

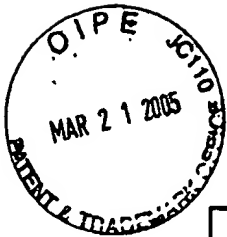
Examiner

A. Shurlat

Date Considered

9,30,05

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PTO/SB/08a/b (08-03)

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Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)			Complete If Known		
			Application Number	09/943709	
			Filing Date	August 31, 2001	
			First Named Inventor	Brig B. Elliott	
			Art Unit	N/A	
			Examiner Name	Not Yet Assigned	
Sheet	1	of	1	Attorney Docket Number	BBNT-P01-139

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
A.S.	AA	US-20030231771-A1	12-18-2003	Gisin et al.	
A.S.	AB	US-5,764,767	06-09-1998	Beimel et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

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NON PATENT LITERATURE DOCUMENTS				
Examiner Initials [*]	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ²
A.S	CA	Cabello, A., "Multiparty key distribution and secret sharing based on entanglement swapping," pp. 1-8 (September 7, 2000).		
A.S	CB	Crepeau, C., et al., "Secure Multi-party Quantum Computation," ACM, pp. 1-10 (20001).		
A.S	CC	Gottesman, D., et al., "Secure quantum key distribution using squeezed states," pp. 1-19 (September 25, 2000).		
A.S	CD	Xiao, L., et al., "Efficient Multi-Party Quantum Secret Sharing Schemes," pp. 1-7 (May 28, 2004).		

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Examiner Signature	A. Sherbert	Date Considered	9/30/05
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